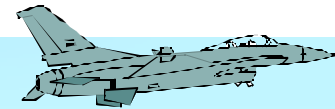




TACOM

Lethality, Survivability, Mobility and
Sustainment for America's Army



Tank-automotive & **A**rmaments **COM**mand

TACOM Welcome

Jerry L. Chapin
Deputy to the Commander

Committed to Excellence



TACOM / (PEO)⁴ Partnership

World-wide Collaboration Supporting the Warfighter





TACOM Vision Statement

Linking the Strategic Direction

ARMY VISION

- ◆ Soldiers on Point for the Nation: Persuasive in Peace, Invincible in War
Responsive, Deployable, Agile, Versatile, Lethal, Survivable, Sustainable

AMC VISION

- ◆ Dedicated and innovative people paving the way in Army Transformation. We will provide the integrated, cutting edge technology and sustainment needed to create a more responsive, agile, strategically deployable and sustainable Army. While unfailingly meeting our worldwide commitments today, our efforts will help posture the nation to meet the broader demands of the newly emerging missions of the 21st century.

TACOM VISION

- ◆ Providing our soldiers with overwhelming lethality, survivability, mobility, and sustainment for battlefield dominance.



Supporting Army Readiness



PRODUCT LINES

SUPPORT

**Capital Value of
TACOM Equipment
\$81.7B**

**2993 Fielded End
Item NSNs Supported**

**> 27,000
Component NSNs**

- Combat Vehicles
- Trailers
- Materiel Handling Equipment
- Fuel & Water Dist Equipment
- Chemical Defense Equipment
- Howitzers
- Mortars
- Machine Guns
- Aircraft Armaments
- Rail
- Fuel & Lubricant Products
- Tactical Vehicles
- Construction Equipment
- Tactical Bridges
- Sets, Kits & Outfits
- Shop Equipment
- Large Caliber Guns
- Rifles
- Ammunition
- Demolitions & Explosives
- Watercraft
- Non-Tactical Vehicles

**Plus Technology Development for the Objective
Force**

MAGNITUDE

**71% of Army's
Reportable Density is
TACOM Supported**

**81 Allied
Countries own TACOM
Equipment**

**97% of All Army
Parent UICs Contain
TACOM Supported
Equip**



The Army's Lead Systems Integrator



GOAL #1 - A Revitalized Workforce

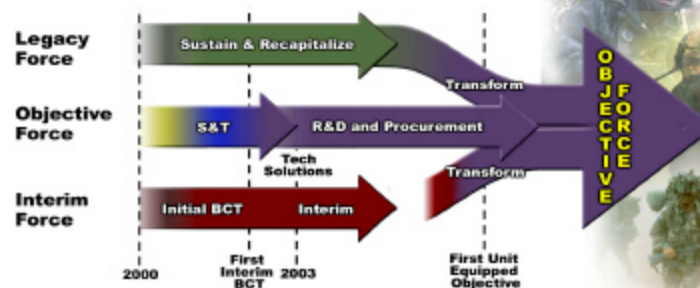
Leadership, Communication, Organizational Climate, Teaming, Strategic Thinking, and Employee Support



Instilling Desired Leadership Traits



The Army Transformation

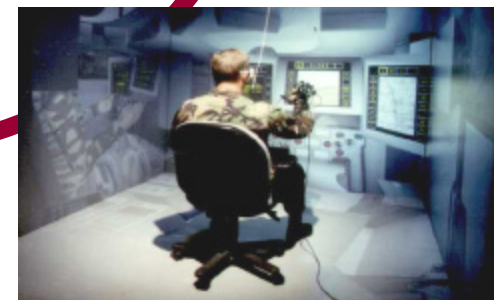


... Responsive, Deployable, Agile, Versatile, Lethal, Survivable, Sustainable.

Idea Generators

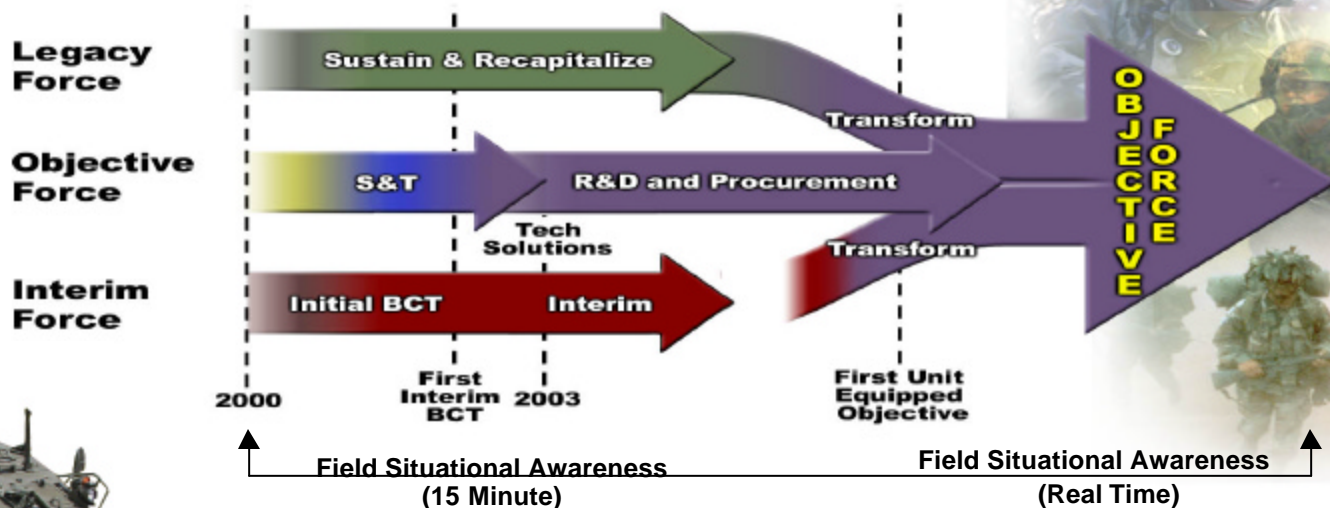
Idea Integrators

Building Organizational Cohesiveness through a Strong Coalition of Leaders





The Army Transformation



... Responsive, Deployable, Agile, Versatile, Lethal, Survivable, Sustainable.

INTERIM BRIGADE COMBAT TEAM

TACOM / PEO Team
Off-the-Shelf Equipment
Surrogate Vehicles
Innovative Acquisition Approaches
Fielding/NET
Capstone Exercise Support
Subsequent Fieldings

INTERIM CAPABILITY

New Technology Insertion
Recapitalize Legend Systems
Equipment Redistribution
Depot Operations
Force Projection Enablers

OBJECTIVE FORCE

Technology Breakthroughs
Future Combat System
Anticipatory & Deployable Logistics

The Requirement to Transform



- < Security Challenges of the 21st Century
- < Pace and Proliferation of Technology
- < Compelling Need to Respond More Rapidly & Decisively Across the Full Spectrum of Military Operations

The Army has a Nonnegotiable Contract with the American People to Fight & Win our Nation's Wars

The Objective Force

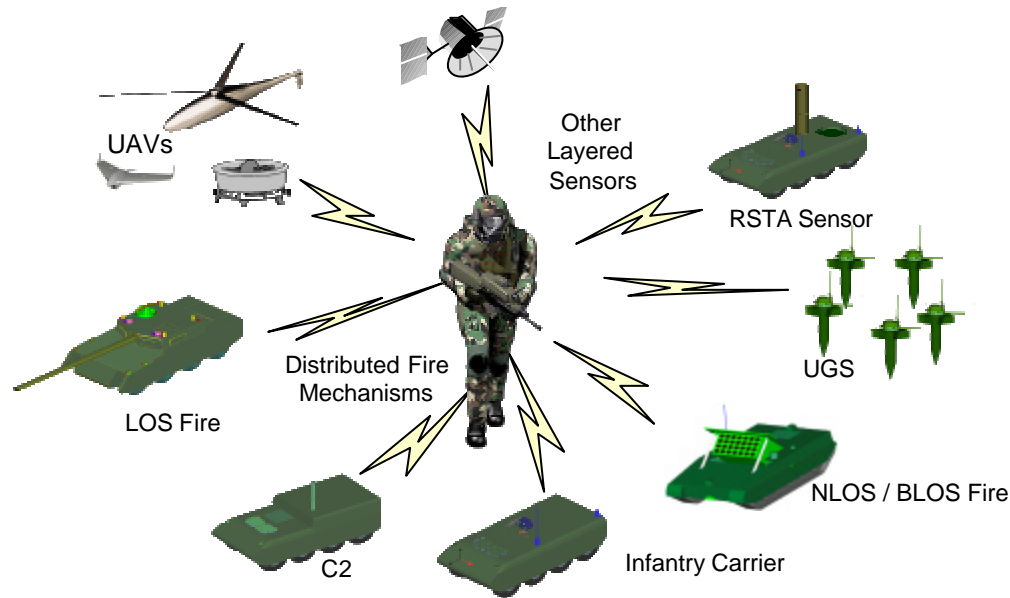


- < **Full Spectrum** – general purpose forces with special purpose capabilities, dominant at every point on the spectrum as a member of the Joint Forces
- < **Characteristics** – responsive, deployable, agile, versatile, lethal, survivable, sustainable
- < **DTLOMS-I³** – synergistic advances in doctrine, training, leader development, organization, materiel, Soldiers & installations
- < **Enablers** – self-aware and adaptive Soldiers and leaders, network centric force, and advanced technology
- < **Soldiers** – center piece of our formations

The XXIst Century Army

Future Combat Systems (FCS)

FCS is the networked system of systems that will serve as the core building block within all maneuver Unit of Action echelons to develop overmatching combat power, sustainability, agility, and versatility necessary for full spectrum military operations.

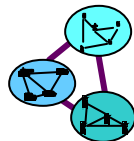
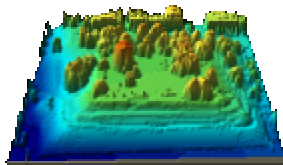


The “Big Five” Plus... in One Unit

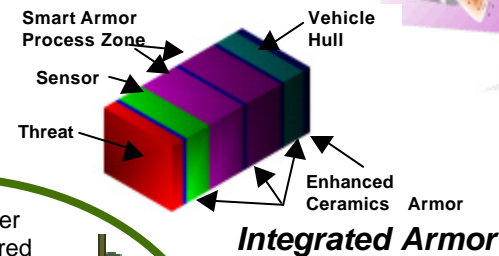
FCS Technologies in Development

C4ISR

- Organic 3D Targeting
- Mobile C3
- FCS Comms - Multi-node high/low band
- Tags
- All weather OAV sensor – JIGSAW



Survivability



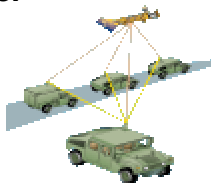
Active Protection



Signature Management

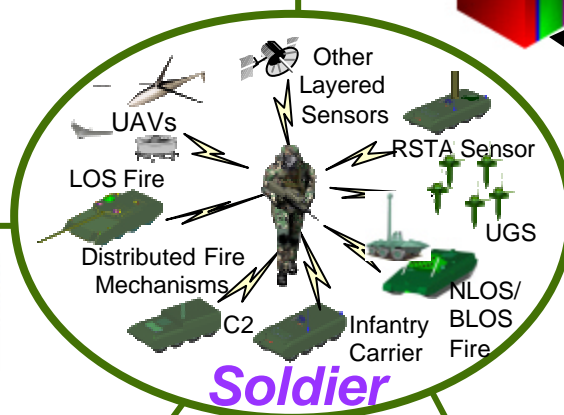
Mobility

- Combat Hybrid Power System
- Advanced Diesel

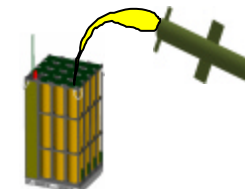
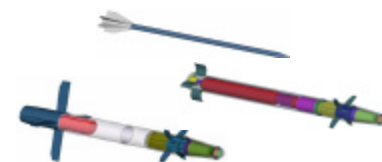


Human Engineering

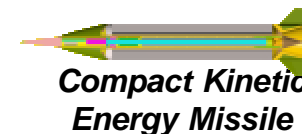
Crew Integration & Automation Testbed



Lethality



Networked Fires



Compact Kinetic Energy Missile

UAVs



Robotics



Follower UGV



Objective Force Partnership



Boeing/SAIC FCS LSI Team

Program Manager (PM)

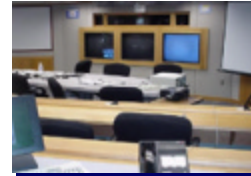
Jerry McElwee (Boeing)
Washington, D.C.

Deputy PM

John Gully (SAIC)
Washington, D.C.



Boeing
Seattle, WA
Program Administration
Systems Engineering
& Integration



SAIC
Philadelphia, PA
Supportability



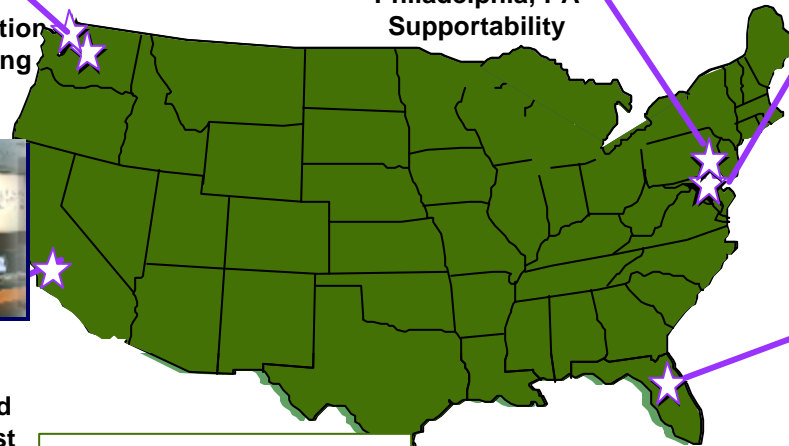
Boeing
Arlington, VA
PROGRAM MANAGER
Systems Engineering
& Integration
Combat Systems



Boeing
Anaheim, CA
C4ISR Integrated
Simulation & Test



SAIC
Orlando, FL
Training Systems



Key Deliverables

- < **System of System Architecture**
supports interoperability with legacy and Joint systems
- < **Advanced Collaborative Environment**
 - early user involvement in design
 - supports SBA
 - supports Test and Evaluation
- < **C4ISR Open Architecture**
allows upgrades as technologies mature
- < **Demonstrations during CTD**
addresses key risk areas
- < **Management Plan**
 - supports competitive environment throughout life cycle
 - affords immediate start upon award





The U.S. Army Tank-automotive and Armaments Command



Objective Force Capability by the end of this decade

Committed To Excellence...

Routinely